

Form PTO-1449

Docket Number 514712000400

Application Number 10/682,331

**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**

JUL 09 2004

(Use several sheets if necessary)

Applicant

David L. SHELTON et al.

Filing Date October 8, 2003

Group Art Unit ~~1644~~ 1647

Mailing Date June 23, 2004

## U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
JL	1.	10/08/2003	10/682,332	Shelton et al.			
	2.	10/08/2003	10/682,638	Shelton et al.			
	3.	12/24/2003	10/745,775	Pons et al.			
	4.	02/19/2004	10/783,730	Shelton et al.			
	5.	03/01/2004	10/791,162	Shelton et al.			
	6.	11/29/2001	2001/0046959	Buchovich et al.			
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	8.	11/20/1973	3,773,919	Boswell et al.			
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	10.	10/01/1985	4,544,545	Ryan et al.			
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	12.	07/28/1987	4,683,195	Mullis et al.			
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	14.	06/28/1988	4,754,065	Levenson et al.			
	15.	10/11/1988	4,777,127	Suni et al.			
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	21.	09/15/1992	5,147,294	Smith et al.			
	22.	06/15/1993	5,219,740	Miller et al.			
	23.	01/11/1994	5,278,299	Wong et al.			
	24.	08/30/1994	5,342,942	Jaen et al.			
✓	25.	04/25/1995	5,409,944	Black et al.			
JL	26.	06/06/1995	5,422,120	Kim			

EXAMINER: /Jon Lockard/

DATE CONSIDERED: 09/14/2006

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

<b>Form PTO-1449</b> <b>INFORMATION DISCLOSURE CITATION</b> <b>IN AN APPLICATION</b> <i>(Use several sheets if necessary)</i>	Docket Number 514712000400	Application Number 10/682,331
	Applicant David L. SHELTON et al.	
	Filing Date October 8, 2003	Group Art Unit <del>1644</del> 1647
	Mailing Date June 23, 2004	

JL	27.	07/25/1995	5,436,265	Black et al.			
	28.	12/19/1995	5,475,995	Livingston			
	29.	03/19/1996	5,500,362	Robinson et al.			
	30.	04/23/1996	5,510,261	Goochee et al.			
	31.	04/23/1996	5,510,368	Lau et al.			
	32.	05/28/1996	5,521,213	Prasit et al.			
	33.	06/25/1996	5,530,101	Queen et al.			
	34.	07/16/1996	5,536,752	Ducharme et al.			
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	52.	12/02/1997	5,693,761	Queen et al.			
	53.	12/02/1997	5,693,762	Queen et al.			
↓	54.	03/31/1998	5,733,743	Johnson et al.			
JL	55.	05/12/1998	5,750,373	Garrard et al.			

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JL	56.	06/16/1998	5,766,863	Godowski et al.			
	57.	09/15/1998	5,807,715	Morrison et al.			
	58.	09/29/1998	5,814,482	Dubensky, Jr. et al.			
	59.	10/13/1998	5,821,337	Carter et al.			
	60.	12/01/1998	5,844,092	Presta et al.			
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	63.	04/06/1999	5,891,650	Godowski et al.			
	64.	11/09/1999	5,981,568	Kunz et al.			
	65.	12/07/1999	5,997,867	Waldmann et al.			
	66.	01/25/2000	6,017,878	Saragovi et al.			
	67.	04/25/2000	6,054,297	Carter et al.			
	68.	10/03/2000	6,127,401	Singh et al.			
	69.	11/28/2000	6,153,189	Presta et al.			
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	71.	01/30/2001	6,180,377	Morgan et al.			
	72.	04/03/2001	6,210,671	Co			
	73.	07/24/2001	6,265,150	Terstappen et al.			
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	76.	12/18/2001	6,331,415	Cabilly et al.			
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	78.	03/19/2002	6,359,130	Singh et al.			
	79.	04/23/2002	6,376,471	Lawrence, III et al.			
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V	81.	08/20/2002	6,436,908	Koch et al.			
JL	82.	01/14/2003	6,506,559	Fire et al.			

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## FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO	
JL	83.	12/06/1989	EP 0 345 242	Europe			Abstract	
	84.	12/23/1992	EP 0 519 596	Europe				
	85.	02/03/1993	EP 0 524 968	Europe				
	86.	10/10/1988	GB 2,200,651	Great Britain				
	87.	07/30/1987	WO 87/04462	WIPO				
	88.	10/05/1989	WO 89/09225	WIPO				
	89.	07/26/1990	WO 90/07936	WIPO				
	90.	10/04/1990	WO 90/11092	WIPO				
	91.	01/10/1991	WO 91/00360	WIPO				
	92.	03/07/1991	WO 91/02805	WIPO				
	93.	10/03/1991	WO 91/14445	WIPO				
	94.	11/26/1992	WO 92/20373	WIPO				
	95.	03/04/1993	WO 93/03769	WIPO				
	96.	04/01/1993	WO 93/06213	WIPO				
	97.	05/27/1993	WO 93/10218	WIPO				
	98.	06/10/1993	WO 93/11230	WIPO				
	99.	09/30/1993	WO 93/19191	WIPO			Abstract	
	100.	12/23/1993	WO 93/25234	WIPO				
	101.	12/23/1993	WO 93/25698	WIPO				
	102.	02/17/1994	WO 94/03622	WIPO				
	103.	03/03/1994	WO 94/04690	WIPO				
	104.	06/09/1994	WO 94/12649	WIPO				
	105.	10/27/1994	WO 94/23697	WIPO				
	106.	12/22/1994	WO 94/28938	WIPO				
	107.	01/05/1995	WO 95/00655	WIPO				
	108.	03/23/1995	WO 95/07994	WIPO				
JL	109.	05/04/1995	WO 95/11984	WIPO				

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					David L. SHELTON et al.			
					Filing Date October 8, 2003		Group Art Unit <del>1644</del>	
					Mailing Date June 23, 2004			

JL	110.	05/26/1995	WO 95/13796	WIPO				
	111.	11/16/1995	WO 95/30763	WIPO				
	112.	06/06/1996	WO 96/17072	WIPO				
	113.	05/01/1997	WO 97/15593	WIPO				
	114.	06/19/1997	WO 97/21732	WIPO				
	115.	11/13/1997	WO 97/42338	WIPO				
	116.	02/12/1998	WO 98/06048	WIPO				
	117.	04/30/1998	WO 98/17278	WIPO				
	118.	10/21/1999	WO 99/53055	WIPO				
	119.	11/18/1999	WO 99/58572	WIPO				
	120.	09/14/2000	WO 00/53211	WIPO				
	121.	11/23/2000	WO 00/69829	WIPO				
	122.	12/07/2000	WO 00/73344	WIPO				
	123.	04/19/2001	WO 01/27160	WIPO				
	124.	04/26/2001	WO 01/29058	WIPO				
	125.	09/07/2001	WO 01/64247	WIPO				
	126.	10/25/2001	WO 01/78698	WIPO				
	127.	12/06/2001	WO 01/92513	WIPO				
	128.	02/28/2002	WO 02/15924	WIPO				
	129.	03/07/2002	WO 02/17914	WIPO				
	130.	03/14/2002	WO 02/20479	WIPO				
V	131.	06/06/2002	WO 02/44321	WIPO				
JL	132.	12/05/2002	WO 02/96458	WIPO				

OTHER DOCUMENTS <i>(including author, title, Date, Pertinent Pages, Etc.)</i>		
Examiner Initials	Ref. No.	Title
JL	133.	Adey, N.B. et al. (1996). "Preparation of Second-Generation Phage Libraries" Chapter 16 <i>In Phage Display of Peptides and Proteins: A Laboratory Manual</i> Kay, B.K. et al. eds. Academic Press, Inc.: San Diego, CA pp.277-291.
JL	134.	Agrawal, S. et al. (1998). "Mixed Backbone Oligonucleotides: Improvement in Oligonucleotide-Induced Toxicity <i>In Vivo</i> ," <i>Antisense &amp; Nucleic Acid Drug Development</i> 8:135-139.

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PTO/SB/08 (2-92) pa- 854424	Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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<b>Form PTO-1449</b>  <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  <i>(Use several sheets if necessary)</i>		Docket Number 514712000400  Applicant <div style="text-align: center;">David L. SHELTON et al.</div>	Application Number 10/682,331  Filing Date October 8, 2003 Group Art Unit <del>1644</del>
		Mailing Date June 23, 2004	

JL	135.	Aley, K.O. et al. (1996). "Delayed Sympathectomy After a Prolonged Hyperalgesia Results in a Subsequent Enhanced Acute Hyperalgesic Response," <i>Neuroscience</i> 71(4):1083-1090.
	136.	Al-Lazikani, B. et al. (1997). "Standard Conformations for the Canonical Structures of Immunoglobulins," <i>J. Molec. Biol.</i> 273:927-948.
	137.	Aloe, L. et al. (1992). "Nerve Growth Factor and Distribution of Mast Cells in the Synovium of Adult Rats," <i>Clin. Exp. Rheumatol.</i> 10:203-204.
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pa- 854424
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		Applicant  David L. SHELTON et al.	
		Filing Date October 8, 2003	Group Art Unit <del>7644</del>
		Mailing Date June 23, 2004	

JL	152.	Bracci Laudiero, L. et al. (1992). "Multiple Sclerosis Patients Express Increased Levels of $\beta$ -Nerve Growth Factor in Cerebrospinal Fluid," <i>Neurosci Lett.</i> 147:9-12.
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		<b>Applicant</b>  David L. SHELTON et al.	
		<b>Filing Date</b> October 8, 2003	<b>Group Art Unit</b> <del>1044</del>
		<b>Mailing Date</b> June 23, 2004	

JL	169.	Cole, S.P.C. et al. (1985). "The EBV-Hybridoma Technique and Its Application to Human Lung Cancer" <i>In Monoclonal Antibodies and Cancer Therapy</i> , Reisfeld, R. et al. eds., Alan R. Liss, Inc.: New York, NY, pp.77-96.
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EXAMINER: /Jon Lockard/	DATE CONSIDERED: 09/14/2006
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EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

PTO/SB/08 (2-92)  
pa- 854424

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

<b>Form PTO-1449</b>  <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  <i>(Use several sheets if necessary)</i>		Docket Number 514712000400  Applicant <div style="text-align: center;">David L. SHELTON et al.</div>	Application Number 10/682,331  Filing Date October 8, 2003 Group Art Unit <del>4644</del>
		Mailing Date June 23, 2004	
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<b>EXAMINER:</b> /Jon Lockard/		<b>DATE CONSIDERED:</b> 09/14/2006	
<b>EXAMINER:</b> Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.			
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<b>Form PTO-1449</b> <b>INFORMATION DISCLOSURE CITATION</b> <b>IN AN APPLICATION</b> <i>(Use several sheets if necessary)</i>		Docket Number 514712000400	Application Number 10/682,331				
		Applicant David L. SHELTON et al.					
		Filing Date October 8, 2003	Group Art Unit <del>764</del>				
		Mailing Date June 23, 2004					
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EXAMINER: /Jon Lockard/				DATE CONSIDERED: 09/14/2006			
EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.							
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ALTERNATIVE TO PTO/SB/08a/b (07-05)

Substitute for form 1449/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				Application Number	10/682,331
				Filing Date	October 8, 2003
				First Named Inventor	David L. SHELTON
				Art Unit	1649 1647
				Examiner Name	S. Gucker J. Lockard
Sheet	1	of	1	Attorney Docket Number	514712000400

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
JL	1.	US-2004/0131615-A1	07-08-2004	Shelton et al.	
JL	2.	US-2004/0237124-A1	11-25-2004	Pons et al.	
JL	3.	US-2004/0253244-A1	12-16-2004	Shelton et al.	

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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>3</sup>
		Country Code <sup>4</sup> -Number <sup>5</sup> -Kind Code <sup>6</sup> (if known)				
JL	4.	WO-2004/032870-A2, A3	04-22-2004	Rinat Neuroscience Corp.		
	5.	WO-2004/058184-A2	07-15-2004	Rinat Neuroscience Corp.		
	6.	WO-2004/065560-A2	08-05-2004	Rinat Neuroscience Corp.		
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	8.	WO-2004/096122-A2	11-11-2004	Rinat Neuroscience Corp.		
JL	9.	WO-2005/000194-A2, A3	01-06-2005	Rinat Neuroscience Corp.		

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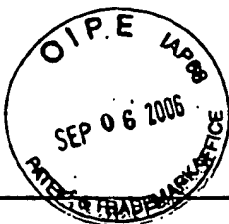
NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T <sup>3</sup>
JL	10.	Banik, R.K. et al. (November 12, 2003). "Anti-NGF Treatment Attenuates Spontaneous Pain and Thermal, but Not Mechanical Hyperalgesia, After Hind Paw Incision in the Rat," <i>Society for Neuroscience</i> , Program No. 909.12, one page, Abstract Only.			
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JL	12.	International Search Report for PCT Application No. PCT/US03/32089 filed October 8, 2003, mailed May 17, 2004, three pages.			

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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>3</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	/Jon Lockard/	Date Considered	09/14/2006
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pa-1030407



ALTERNATIVE TO PTO/SB/08 a/b (07-05)

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)			<b>Complete if Known</b>		
			Application Number	10/682,331	
			Filing Date	October 8, 2003	
			First Named Inventor	David L. SHELTON	
			Art Unit	1647	
			Examiner Name	J. Lockard	
Sheet	1	of	7	Attorney Docket Number	514712000400

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
JL	1.	US-2002/0072543-A1	06-13-2002	Olesen et al.	
	2.	US-2002/0146416-A1	10-10-2002	Presta et al.	
	3.	US-2003/0008807-A1	01-09-2003	Levine et al.	
	4.	US-2003/0072746-A1	04-17-2003	Miller	
	5.	US-2003/0203923-A1	10-30-2003	Ross et al.	
	6.	US-2004/0038874-A1	02-26-2004	Ormoigui	
	7.	US-2004/0071701-A1	04-15-2004	Delafoy et al.	
	8.	US-2004/0097562-A1	05-20-2004	Olesen et al.	
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	10.	US-2005/0074821-A1	04-07-2005	Wild, Jr. et al.	
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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	MM-DD-YYYY			
JL	26.	EP-0 418 590-A1, B1	03-27-1991	Takeda Chemical Industries, Ltd.		
↓	27.	FR-2 807 660-A1	10-19-2001	Warner Lambert Co.	Translation of Abstract Only	
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	32.	WO-90/10644-A1	09-20-1990	Lope Medicine AB		
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	JL	36.	WO-02/20513-A1	03-14-2002	Glaxo Group Limited	

Examiner Signature	/Jon Lockard/	Date Considered	09/16/2006
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pa- 1064427

Substitute for form 1449/PTO			<b>Complete if Known</b>		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)			Application Number	10/682,331	
			Filing Date	October 8, 2003	
			First Named Inventor	David L. SHELTON	
			Art Unit	1647	
			Examiner Name	J. Lockard	
Sheet	2	of	7	Attorney Docket Number	514712000400

37.	WO-02/102232-A2, A3	12-27-2002	The Regents of the University of California		
38.	WO-03/022261-A1	03-20-2003	Miller		
39.	WO-2004/026329-A1	04-01-2004	Amgen, Inc.		
40.	WO-2004/028448-A2, A3	04-08-2004	Miller		
41.	WO-2004/032852-A2, A3	04-22-2004	Rinat Neurosciences Corp.		
42.	WO-2005/019266-A2, A3	03-03-2005	Amgen, Inc.		
43.	WO-2005/111077-A2, A3	11-24-2005	Rinat Neuroscience Corp. et al.		

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NON PATENT LITERATURE DOCUMENTS					
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T <sup>2</sup>
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Examiner Signature	/Jon Lockard/	Date Considered	09/16/2006
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Substitute for form 1449/PTO			<b>Complete if Known</b>	
			Application Number	10/682,331
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>			Filing Date	October 8, 2003
			First Named Inventor	David L. SHELTON
			Art Unit	1647
			Examiner Name	J. Lockard
(Use as many sheets as necessary)			Attorney Docket Number	514712000400
Sheet	3	of	7	

JL	58.	Bellamy, N. (May 1989). "Pain Assessment in Osteoarthritis: Experience With the WOMAC Osteoarthritis Index," <i>Semin. Arthritis Rheum.</i> 18(4 Suppl. 2):14-17.	
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<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

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